

ABSTRACT

Disclosed is a novel technology, by which carbon nanotubes can be easily worked without degrading the characteristic properties thereof.

A gel composition comprising a carbon nanotube and an ionic liquid is produced by pulverizing, in the presence of the ionic liquid, the carbon nanotube by applying a shearing force thereto, and then, if needed, subjecting the product of the pulverization to centrifugal separation. The gel composition exhibits an excellent workability and can be worked simply by forming a desired shape by subjecting the composition in a fluidized state to application of an external force by such an operation as a printing, coating, extrusion or injection operation, and then removing the ionic liquid with a solvent or an absorbent.